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SP	АА	5,243,629	9-7-93	Wei		_				
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MG	AJ	64-74836	3-20-89	Japan			abstract			
	AK	53-108215	9-20-78	Japan			abstract	:		
	AL	63-28145	2-5-88	Japan			abstract			
V	АМ	64-68144	3-14-89	Japan			abstract	:		
NU	AN	5-218978	8-27-93	Japan				х		
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM	PTO 1449 (//		MENT OF COMMER	one.	ATTY DOCKET NO. 2000_1420								
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义	AA 5,311,550 5-10-94		5-10-94	Fouche et al.									
		AB 4,630,287 12-16-86		Armstrong									
		AC	4,271,527	6-2-81	Armstrong	_							
		AD	5,050,188	9-17-91	Dirr	-							
		AE	5,398,073	3-14-95	Wei								
		AF	5,452,015	9-19-95	Hulyalkar								
		AG	5,565,932	10-15-96	Gitta et al.	_							
		АН	5,481,412	1-2-96	Bannai et al.	_							
~	2	AI	3,909,721	9-30-75	Bussgang et al.	_							
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	197	AJ	0365431	4-25-90	EP					×			
		AK	0485105	5-13-92	EP			-	х				
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			нто	ER DOCUMENT(S) (Including Author, Title, Date, Pert	tinent Pag	es, Etc.)						
<u></u>	d	AO) Mb/s 16 QAM Digital Radio eview, January 1982, vol. 2				and 5 GHz	Bands",			
N	2	AP			Coding of Television Images, er 2, 1990, no. 3, pages 25		Compa	itible System",	Signal Proc	essing			
*	15	AQ Mitsuaki Oshima, "Constellation-Code Division Multiplex for Digital HDTV", IEEE, 1992, pages 1086-1092.											
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X	J.D.	АА	4,227,152	10-7-80	Godard et al.		-	_				
	AB		4,525,846	6-25-85	Bremer et al.							
		AC	4,751,478	6-14-88	Yoshida	1 1						
		AD	4,891,806	1-2-90	Farias et al.							
		AE	4,903,125	2-20-90	Parker							
		AF	4,937,844	6-26-90	Kao							
	<u> </u>	AG	5,164,963	11-17-92	Lawrence et al.							
A	AH 5,555,275 9-1996			Oshima		+ -						
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<u> </u>	17	AJ	0311188	4-12-89	EP					х		
		AK	0329158	8-23-89	EP		_	_		х		
		AL	64-5135	1-10-89	JP			_		х		
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<u> </u>	12	AN	62-133842	6-17-87	JP			_		x		
			отн	ER DOCUMENT(S	(Including Author, Title, Date, F	Pertinent Pag	es, Etc.)					
A	2	AO			nce Study of NLA 64-State pages 821-826.) QAM", II	EEE Trai	nsactio	ons on Co	ommunicati	ons, vol.	
		АР	Hideki Ishio et a 20.	Hideki Ishio et al., "A Proposal of a Carrier Digital Transmission System Using Multi-Level APSK", pages 1-20.								
	EL	AQ	Shanmugam, "D	Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272.								
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بح	A Lepe		5,105,442	4-14-92	Wei				_			
		АВ	4,048,572	9-13-77	Dogliotti et al.]						
		AC	5,282,019	1-25-94	Basile et al.							
		AD	5,311,547	5-10-94	Wei							
		AE	5,267,021	11-30-93	Ramchandran et al.							
		AF	5,038,219	8-6-91	Yamashita et al.							
,		AG	5,087,975	2-11-92	Citta et al.		/					
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X.	10	AO	Khaled Fazel et 1081-1085	al., Combined	I multilevel coding and multi	resolutio	n modul	lation, F	ebruary	[,] 8, 1993, F	'ages	
✓ 	ac	АР			of an RCPC-Coded OFDM-bons Conference "Globecom"							
/	AQ K. M. Uz et al., Combined multiresolution source coding and modulation for digital broadcast of HDTV*, 1992, Pages 283-292									Γ V* ,		
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		AB	5,197,061	3-23-93	Halbert-La:	ssalle et al.						
		AC 5,291,289 3-1-94		Hulyalk	ar et al.							
	AD 5,166,924 11-24-92				Мо	ose						
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الر	الم	AO	K. M. Uz et al., 69.	Multiresolution	n Source and (Channel Coding	for Dig	ital Bro	adcast of HDT	V, 1992, P	ages 61-	
	Ag	AP	Nambi Seshadri Fading Channel,					Jnequal	Error Protection	on for the R	ayleigh	
A	2	ΔQ	William F. Schre		Spectrum Telev	vision Broadcas	sting, SI	MPTE J	ournal, August	1992, Pag	es 538-	
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AS	AO	Martin Vetterli e Systems and Si						sion: A Review	, Multidime	ensional	
SR	АР	Ezio Biglieri et a	I., Introduction	n to Trellis-Coo	led Modulation	n with A	pplicati	ons, April 6, 19	992, Pages	173-207.	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SD	AA	4,636,876	1-13-87	Schwartz			_				
\	AB	4,855,692	8-8-89	Kennard et al.		-					
	AC	4,873,701	10-10-89	Tretter							
	AD	4,958,360	9-18-90	Sari							
\bigvee	AE	5,115,453	5-19-92	Calderbank et al.		-					
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AC	AO			of Multichannel Orthogonal ommunications, June 14-1							
AC NC	АР	Thomas M. Cover, Broadcast Channels, IEEE Transactions on Information Theory, January 1972, Pages 2-14									
AL.	AQ	COM-26, No. 6	, June 1978,	Speech Signals", Sundberg Pages 872-881.	g, IEEE Tra	ansacti	ons on Commu	inications, Vo	lume		
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